

UGLESIC, Borben, dr.

On the problem of the rehabilitation of mental patients. Liječn.  
vjesn. 83 no.10:1057-1062 '61.

1. Iz Neurolosko-psihijatrijskog odjela Opće bolnice u Splitu.

(MENTAL DISORDERS rehabil)

UGLENSIC, Vlado, mr.

New drugs. Farmaceut vest 14 no.7/9:149-154 '63.

MOLETO, Vlado, etc.

New drug. Farm. evl. test. M. 0010/12:222-225 1963.

Impressions from the 1st International Pharmacological Congress;  
Prague, August 20-23, 1963. Ibid.:235-242

1st AND 2nd COPIES																										3RD AND 4TH COPIES																									
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<p>UGLETSKAYA, Ye. K.</p> <p>ca</p> <p>10</p> <p>2,4-Pentachlorotoluene. E. K. Ugletskaya, Russ. 57,383, June 30, 1940. 2-Chloro-4-nitrotoluene is chlorinated to const. wt. in the absence of a catalyst at a temp. gradually increased from 160 to 225°.</p> <p>ASA-SLA METALLURGICAL LITERATURE CLASSIFICATION</p> <p>FROM SYRISTVA</p> <p>FROM ROMANIA</p> <p>FROM LITHUANIA</p>																																																			

TRAVIN, A.I., DYKHANOV, N.N., UGLETSKAYA, Ye.K.

Production of the ethyl ester of isonicotinic acid. Med.prom.  
12 no.11:37-38 N'58 (MIRA 11:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy  
instiut imeni S. Ordzhonikidze.  
(ISONICOTINIC ACID)

UGLEV, A.M.

Adaptability of the amylolytic properties of the saliva in some mammals [with summary in English]. Biol. eksp. biol. i med. 44 no.12: 12-16 D '57. (MIRA 11:4)

1. Iz laboratorii obshchey fiziologii Instituta normal'noy i patologicheskoy fiziologii (dir. - deystvitel'nyy chlen AMN SSSR V.N.Chernigovskiy) AMN SSSR. Predstavlena deystvitel'nyy chlenom AMN SSSR V.N. Chernigovskim.

(AMYLASES,

in saliva, comparison in herbivorous & carnivorous animals (Rus))

(SALIVA,

amylolytic properties comparison in herbivorous & carnivorous animals (Rus))

YAROSLAVSKIY, V., brigadir montazhnikov (Lobnya Moskovskoy obl.); SIPRIKOV, V.  
(pos.Zavolzh'ye Gor'kovskoy obl.); FAL'BAUM, G. (Odessa);  
STAREN'KIY, S. (Saratov, Vol'skaya, 91, kv.7); DUDNIKOV, A.  
(Krasnodar); UGLEV, P. (Perm'); MEDOVAYA, A., inzh. (Leningrad);  
TRIGUBOVICH, A., frezerovshchik (Dzerzhinsk, Minskoy obl.);  
FINOV, G., student (Tula); YAKOVLEV, A., slesar' (Moskva);  
MALININA, N. (Tallin); CHEPAYKIN, G., inzh. (Moskva)

Advertising board. Izobr.i rats. no.5 (201) 38-39 '63.

(MIRA 16:7)

(Technological innovations)

UGLEV, R.K.

[Reflex anuria] Reflektornaiia anuriia. Moskva, Medgiz, 1953. 53 p.  
(Urine--Suppression) (MLRA 7:6)



KOSHECHKIN, B.I.; UGLEV, Yu.V.

Some aspects of the formation and dynamics of submarine steps  
(according to the materials of aerial photography). Trudy Lab.  
aeromet. 10:99-104 '60. (MIRA 14:1)  
(Black Sea—Submarine geology) (Photography, Aerial)

ZDANOVICH, V.G., doktor tekhn. nauk, prof.; RAMM, N.S., kand. tekhn. nauk, st. nauchnyy sotr.; SHARIKOV, Yu.D., kand. tekhn. nauk, st. nauchnyy sotr.; YANUTSH, D.A., kand. tekhn. nauk, st. nauchnyy sotr.; CHERKASOV, I.A., kand. tekhn.nauk; ALEKSEYEV-SHEMYAKIN, V.P., nauchnyy sotr.; KOL'TSOV, V.V., nauchnyy sotr.; KOSHECHKIN, B.I., nauchnyy sotr.; SEMENCHENKO, I.V., nauchnyy sotr.; UGLEV, Yu.V., nauchnyy sotr.; KUZINA, A.M., starshiy laborant; KUDRITSKIY, D.M., kand. tekhn. nauk, dots., retsenzent; VEYNBERG, V.B., doktor tekhn. nauk, retsenzent; LOSHCHILOV, V.S., kand.geogr. nauk, retsenzent; REKHTZAMER, G.R., kand. tekhn.nauk, dots., retsenzent; KOZLYANINOV, M.V., kand. geogr. nauk, retsenzent; BUSHUYEV, A.V., inzh., retsenzent; ZAMARAYEVA, R.A., tekhn. red.

[Use of airborne methods to study the sea] Primenenie aerometodov dlia issledovaniia moria. Pod obshchei red. V.G.Zdanovicha. Moskva, Izd-vo Akad. nauk SSSR, 1963. 546 p. (MIRA 16:4)

1. Akademiya nauk SSSR. Laboratoriya aerometodov. 2. Laboratoriya aerometodov Akademii nauk SSSR (for Zdanovich, Ramm, Sharikov, Yanutsh, Cherkasov, Alekseyev-Shemyakin, Kol'tsov, Koshechkin, Semenchenko, Uglev, Kuzina).

(Aeronautics in oceanography) (Aerial photogrammetry)

USLOV, A. I. --

"Experimental Paratyphoid Infection Dependent on S. Salmonella Groups." Card Med Sci, Inst of Experimental Medicine, Acad Med Sci USSR, Leningrad, 1953. (ZhMB'el, No 2, Sep 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

SC: Sum. No. 481, 5 May 55

UGLEVA, A.I.; KHAUSTOVA, I.M.; ROZHDESTVENSKAYA, V.O.

Immunization with tetratoxid against wound infections. Zhar.  
mikrobiol.epid.i immn. 31 no.8:75-79 Ag '60. (MIRA 14:6)

1. Iz Leningradskogo instituta vaktsin i syvorotok.  
(WOUNDS) (GANGRENE) (TETANUS) (VACCINES)

KHAUSTOVA, I.M.; UGLEVA, A.I.

Purification and concentration of toxin and anatoxin from  
Cl. perfringens. Vop. med. khim. 8 no.3:276-279 My-Je '62  
(MIRA 15:7)

1. State Research Institute of Sera and Vaccines, Leningrad.  
(TOXINS AND ANTITOXINS)  
(CLOSTRIDIUM PERFRINGENS)

KHAUSTOVA, I.M.; UGLEVA, A.I.

Comparative data on the purification of toxins and antitoxins  
of *Clostridium perfringens* by different methods. Vop. med.  
khim. 9 no.2:209-213 Mr-Apr '63. (MIRA 17:8)

1. Leningradskiy nauchno-issledovatel'skiy institut vaktsin  
i syvorotok.

UGLEVA, A.I.; KHABAS, I.M. [deceased]; FADEYEVA, O.A.; KATS, I.Z.; TER-OSIPOVA,  
M.Z.; ROZHDESTVENSKAYA, V.O.

Production of purified sorbed diphtheria and tetanus anatoxin for  
active immunization of children. Nauch. osn. proizv. bakt. prep.  
10:100-106 '61. (MIRA 18:7)

1. Leningradskiy institut vaktsin i syvorotok.

UGLEVA, G.A.

Contest at the Crimean Canning Combine for the title of brigades,  
sections, crews, and shock workers of communist labor. Kons.i cv.  
prom. 15 no.10:5 0 '60. (MIRA 13:10)

1. Krymskiy konservnyy kombinat.  
(Crimea--Canning and preserving--Competitions)



UGLEVA, G.A.

Practice in organizing composite crews at the Krymsk Cannery.  
Kons. 1 ov. prom. 15 no. 12:26-28 D '60. (MIRA 14:1)

1. Konservnyy kombinat v Krymske.  
(Krymsk--Canning industry)

UGLIK, Yan [Uhlík, J.]

Use of ultrafilters for making permanent squash  
preparations for cytological and cytochemical studies.  
TSitologiya 7 no.6:767-769 N-D '65.

(MIRA 19:1)

1. Kafedra genetiki i selektsii Sel'skokhozyaystvennogo  
instituta, Chekhoslovakiya, Praga. Submitted August 10, 1964.

KMETIK, Petr Iosifovich; MEREZHKO, Vasiliy Grigor'yevich; USTINOV, Nikolay Petrovich; Prinimal uchastiye SHCHERBACHEVICH, G.S., inzh.; UGLINSKIY, A.Ya., inzh., retsenzent; BONDARENKO, M.D., inzh., retsenzent; TEREKHOV, V.M., inzh., retsenzent; KONOVALOV, S.Ye., inzh., retsenzent; SOLOVYEV, V.V., inzh., red.; KHITROV, P.A., tekhn. red.

[Organization of the operation, maintenance and repair of diesel locomotives] Organizatsiia teplovoznogo khoziaistva. Moskva, Transzheldorizdat, 1962. 197 p. (MIRA 15:9)  
(Diesel locomotives--Maintenance and repair)

NORKIN, Yakov Abramovich, inzh.; VOZHDAYEV, Ivan Nikolayevich, inzh.;  
PODOL'SKIY, Viktor Il'ich, inzh.; PONOMARENKO, Vasilii  
Timofeyevich, inzh.; PRONOV, Konstantin Konstantinovich, inzh.;  
REMPEL', Aron Iosifovich, inzh.; UGLINSKIY, Anatoliy Yakovlevich,  
inzh.; KHITROVA, N.A., tekhn. red.

[Repair of diesel locomotives] Remont teplovozov. [By] IA.A.Norkin  
i dr. Moskva, Transzheldorizdat, 1962. 300 p. (MIRA 15:12)  
(Diesel locomotives--Maintenance and repair)

UGLIRZH, Karel. [Uhlir], dotsent (Ostrava, Chekhoslovakiya)

Primary focus in male genital tuberculosis. Urologia 21 no.4:30-32  
O-D '56. (MLRA 10:2)

(TUBERCULOSIS, MALE GENITAL, diag.  
location of primary focus)

L 23760-66 EWT(1)/EWT(c) IJP(c)

ACC NR: AP6014810

SOURCE CODE: UR/0367/65/001/001/0163/0172

AUTHOR: Vinternits, P.--Winternitz, P.; Smorodinskiy, Ya. A.--Smorodinsky, J. A.;  
Uglirzh, M.--Uhlir, M.

ORG: Joint Institute of Nuclear Research (Ob'yedinenny institut yadernykh issledovaniy) B42

TITLE: Relativistic angular momentum theory

SOURCE: Yadernaya fizika, v. 1, no. 1, 1965, 163-172

TOPIC TAGS: electromagnetic field, physics

ABSTRACT: Explicit relations are given for the components of relativistic angular momentum in four coordinate systems in the Lobachevsky space of relativistic velocities. Complete sets of commuting operators determining these systems are considered. Classical dynamic quantities corresponding to invariants of subgroups of the Lorentz group are calculated, and the electromagnetic fields in which these are integrals of motion are considered. Orig. art. has: 3 figures and 34 formulas. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 20 / SUBM DATE: 27May64 / ORIG REF: 006 / OTH REF: 005

Card 1/1 <sup>062</sup>

ACC NR: AP7005444

SOURCE CODE: UR/0367/66/004/003/0625/0635

AUTHOR: Vinternitts, P.--Winternitz, P.; Smorodinskiy, Ya. A.--Smorodinsky, J. A.;  
Uglirzh, M.--Uhlir, M.; Frish, I.--Fris, I.

ORG: Joint Institute for Nuclear Research (Ob'yedinennyy institut yadernykh  
issledovaniy)

TITLE: Symmetry groups in classical and quantum mechanics

SOURCE: Yadernaya fizika, v. 4, no. 3, 1966, 625-635

TOPIC TAGS: quantum mechanics, quantum theory

ABSTRACT: All potentials having a dynamic symmetry group in a two-dimensional world  
are found. Classical and quantum motion in these potentials are investigated and it  
is shown that in all cases the symmetry group is  $SU(2)$ . The previously known  
potentials with higher symmetry (Coulomb potential, harmonic oscillator) are obtained  
as special cases. The authors thank V. Mandrosov for his research of the motion  
in these potentials. Orig. art. has: 45 formulas. [JPRS: 38,764]

SUB CODE: 20 / SUBM DATE: 22Jan66 / ORIG REF: 005 / OTH REF: 008

Card 1/1

UGLITSKIY, V.I.

G.A.IUrasov's crew of painters uses an ultrasonic emulsifier.  
Transp. stroi. 12 no.8:8-9 Ag '62. (MIRA 15:9)

1. Nachal'nik Barnaul'skoy normativno-issledovatel'skoy  
stantsii Orgtransstroya.  
(Ultrasonic waves--Industrial applications)  
(Painting, Industrial)



UGLITSKIY, V.I.; SARANCHUKOV, V.F., instruktor

I.D.Uriupin, instructor of advanced work methods, tells us about his work experience. Transp.stroi. 13 no.9:40-41 S '63. (MIRA 16:12)

1. Nachal'nik Barnaul'skoy nauchno-issledovatel'skoy stantsii Org-transstroya (for Uglitskiy).

UGLITSKIY, V.I.; SOMIN, V.I.; KRIVOSHEIN, V.S.

Cars for technical propaganda at construction sites. Transl.  
stroil. 13 no.10:8-9 0 '63. (MJRA 17:8)

1. Nachal'nik Barnaul'skoy nauchno-issledovatel'skoy stantsii  
Orgtransstroya (for Uglitskiy). 2. Nachal'nik Tashkentskoy  
nauchno-issledovatel'skoy stantsii Orgtransstroya (for Krivoshein).

HASANBEGOVIC, Dieneta; UGLJEN, Nenad

A case of suppurative meningoencephalitis tarda following fracture of the pyramid of the vestibule. Med. arh. 19 no.3: 51-55 My-Je '65.

1. Otorinolaringoloska klinika Medicinskog fakulteta u Sarajevu (Sef: Prof. dr. Josip Gerc).

UGLOV, A.

Progress of the Yugoslav merchant marine. Blok.agit.vod.transp.  
no.12:3 of cover. Je '56. (MLBA 9:8)

(Yugoslavia--Merchant marine)

UGLOV, A.

Strike in English dockyards. Blok. agit. vod. transp. no.19:37-38  
0 '56. (MLRA 9:11)  
(England--Strikes and Lockouts--Shipbuilders)

UGLOV, A.

Economic conditions and foreign trade of Australia. Vnesh. torg.  
27 no.12:16-19 '57. (MIRA 10:12)  
(Australia--Economic conditions) (Australia--Commerce)

Trade unions are against nuclear weapons. Sov. profsoiuzy 1977-78  
51 '57. (PRA 10:8)  
(Atomic warfare) (Trade unions)

L 7906-66 EWT(1)/EPA(s)-2/EPF(n)-2/T/EWP(t)/EWP(b)/EWA(c)/EWA (1)/EWT(2)  
ACC NR: AP5025775 IJP(c) JD/WW/GG SOURCE CODE: UR/0363/65/001/009/1447/1448

AUTHOR: Uglov, A. A.; Brekhovskikh, V. F.

ORG: Giredmet

TITLE: The effect of the possible anisotropy of the heat conductivity coefficient on the temperature field of a single crystal of germanium

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 1, no. 9, 1965, 1447-1448

TOPIC TAGS: germanium single crystal, heat conductivity, crystal anisotropy, temperature distribution

ABSTRACT: If it is assumed that the heat conductivity coefficient  $\lambda_1$  in the direction of growth is different from the heat conductivity coefficient  $\lambda_2$  in the plane of growth, a formula can be derived to describe the temperature distribution over a single crystal:

Card 1/3

UDC:546.289:548.55



L 7906-66

ACC NR: AP5025775

$$\begin{aligned} \frac{t-t_c}{t_0-t_c} = Bi \sum_{n=1}^{\infty} \frac{J_0(s_n \rho)}{J_0(s_n) (s_n^2 + Bi^2)} \left\{ 2 \exp(-s_n^2 \cdot Fo_1) + \right. \\ \left. + \exp\left(\frac{1}{2} Pe \cdot \xi\right) \left[ \exp\left(-\xi \sqrt{s_n^2 \frac{a_2}{a_1} + \frac{Pe^2}{4}}\right) \times \right. \right. \\ \times \operatorname{erfc}\left(\frac{\xi}{2\sqrt{Fo_1}} - \sqrt{s_n^2 \cdot Fo_2 + \frac{Pe^2 \cdot Fo_1}{4}}\right) + \exp\left(\xi \sqrt{s_n^2 \frac{a_2}{a_1} + \frac{Pe^2}{4}}\right) \times \\ \times \operatorname{erfc}\left(\frac{\xi}{2\sqrt{Fo_1}} + \sqrt{s_n^2 \cdot Fo_2 + \frac{Pe^2 \cdot Fo_1}{4}}\right) \left. \right] - \exp\left(\frac{Pe \cdot \xi}{2} - s_n^2 \cdot Fo_2\right) \times \\ \times \left[ \exp\left(-\frac{Pe \cdot \xi}{2}\right) \operatorname{erfc}\left(\frac{\xi}{2\sqrt{Fo_1}} - Pe \sqrt{Fo_1}\right) + \right. \\ \left. + \exp\left(\frac{Pe \cdot \xi}{2}\right) \operatorname{erfc}\left(\frac{\xi}{2\sqrt{Fo_1}} + Pe \sqrt{Fo_1}\right) \right] \left. \right\} \quad (1) \end{aligned}$$

Card 2/3

L 7906-66

ACC NR: AP5025775

Here  $s_n$  are roots of the equation

$$s \cdot J_1(s) = BIJ_0(s) \quad (2)$$

$$Bi = \frac{\alpha r_0}{\lambda_2}, \quad Fo_1 = \frac{\alpha_1 r_0^2}{r_0^2}, \quad Fo_2 = \frac{\alpha_2 r_0^2}{r_0^2}, \quad Pe = \frac{v r_0}{\alpha_1}$$

$\alpha_1$  is the heat conductivity coefficient in the direction of growth;  $\alpha_2$  is the heat conductivity coefficient in the plane of growth. Calculations show that, under the assumed conditions, the possible temperature deviations in comparison with the isotropic case do not exceed 20% in the temperature region 1210-900 K. Therefore, the anisotropy of the heat conductivity coefficient in the different crystallographic directions, at high temperatures, does not exceed 20%. It is concluded that the possible anisotropy of the heat conductivity coefficient of germanium does not have a noticeable effect on the temperature field of single crystals grown by the Czochralski method. Orig. art. has: 2 formulas and 1 figure

SUB CODE: SS, MM, IC/ SUBM DATE: 04May65/ ORIG REF: 004/ OTH REF:002

Card <sup>NW</sup> 3/3

L 7073-66 EWA(k)/FBD/EWT(1)/EWT(m)/REC(k)-2/EWP(v)/T/EWP(t)/EWP(k)/EWP(h)/  
 ACC NR: AP5028279 EWA(h)/RWA(c)/ SOURCE CODE: UR/0020/65/165/002/0319/0322  
 EWA(m)-2 SCTB/IJP(c) WG/JD/HM/HW  
 AUTHOR: Rykalin, N. N. (Corresponding member AN SSSR); Uglov, A. A.  
 ORG: Institute of Metallurgy im. A. A. Baykov (Institut metallurgii)  
 TITLE: Heating of thin sheets during laser welding  
 SOURCE: AN SSSR. Doklady, v. 165, no. 2, 1965, 319-322  
 TOPIC TAGS: welding, heat conduction, laser application

ABSTRACT: The authors point out that when small or thin articles (sheet metal) are contact-welded with a laser beam, it is no longer possible to regard the welded spot as a mathematical point, and a correct analysis of the heating of the part by the laser beam calls for allowance for the finite thickness of the welded sheet, the distribution of the energy in the laser beam, and the heat transfer to the lower sheet through the contact surface. The heat conduction differential equations are formulated under the assumption that the welded spot is radially symmetrical about the center, and that the absorption of the laser beam takes place in a thin surface layer (approximately equal to the wavelength of the incident light, i.e.,  $0.7 \mu$  for a ruby laser), so that the absorption can be regarded as being of the surface type if the spot diameter is  $25 \mu$  and the sheet thickness not less than  $50-70 \mu$ . Solution of the differential equation yields an expression for the temperature field from which it is possible to determine the energy of a single laser pulse necessary to effect welding without splashing of the material from the melting zone. As examples, the authors

Card 1/2

UDC: 536.37

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ACC NR: AP5028279

calculate the temperature field and the laser-pulse energy for welding of copper sheets of varying thickness. The effect of the Biot number on the results is discussed briefly. Orig. art. has: 13 formulas and 1 table. [02]

SUB CODE: MM, IE/ SUBM DATE: 17Aug65/ ORIG REF: 002/ OTH REF: 002  
ATD PRESS: 4143

dw  
Card 2/2

S/694/61/000/139/018/018  
1028/1228

AUTHOR: Burov, Yu. G., Uglov, A. A. and Anishchenko, L. M.  
TITLE: Thermophysical constants of germanium and silicon  
SOURCE: Moscow. Institut inzhenerov zheleznodorozhnogo transporta. Trudy, no. 139. 1961.  
Teoriya prdobiya i yeye primeneniyye v teplotekhnike: trudy pervoi mezhvuzovskoy konferentsii, 217-223

TEXT: The existing data on the thermophysical constants of germanium and silicon and their temperature dependence are analysed and systematized. The conductivity of germanium passes through a minimum with the increase of temperature, placed variously by different authors at 300-500°C, 500-700°C, or even above 700°C. In the case of silicon, the conductivity decreases up to 800-900°C, no data is available for higher temperatures. The heat capacities of germanium and silicon increase with the temperatures, and different semi-empirical formulas have been proposed to describe this relationship, none however can be considered as completely satisfactory. No data is available on the influence of the degree of purity on the conductivity and capacity. There are 4 figures. The most-important English-language references read as follows: Grieco, A., H. Montgomery. Phys. rev., 86, 4, 570, 1952; Ables, Proceedings of the International Conference on semiconductors, p. 340; Pankove J. Review on Scientific Instruments. 30, 6, 495, 1959; Anderson C. American Chemical Society. 52, no. 6, 2301, 1930.

ASSOCIATION: Giredmet

Card 1/1

L 12,36-60

ACCESSION NR: AP4047449

S/0170/64/000/009/0118/0-20

AUTHOR: Uglov, A. A.

TITLE: Temperature field of monocrystals obtained by the Chokral'ski method

SUBJECT: Temperature field of monocrystals

TOPIC TAGS: temperature distribution, monocrystal, thermal conductivity, boundary condition, Fourier number

ABSTRACT: The author solved the problem of nonstationary temperature distribution along a monocrystal grown from a melt by the Chokral'ski method. After properly nondimensionalizing the various quantities, the heat conduction equation was obtained, as well as the boundary conditions. In the form

L 12436-65

ACCESSION NR: AP4047449

$$\frac{\partial \theta(\rho, \xi, Fo)}{\partial \rho} = Bi \theta(\rho, \xi, Fo) \text{ при } \rho = 1,$$

$$\theta(\rho, \xi, Fo) = \exp(-\alpha \rho) - T_c \text{ при } Fo = 0,$$

where  $\alpha_n$  is the n-th root of the equation  $J_0(s) - J_1(s)Bi = 0$ .

From the general solution the following particular form was obtained for the case of large Fourier numbers:

$$\theta = 2Bi \left[ 1 - T_c \exp \left( -\frac{1}{2} \rho^2 \right) - \frac{1}{2} \sum_{n=1}^{\infty} \frac{J_0(\alpha_n \rho)}{J_0(\alpha_n)} \exp(-\alpha_n^2 Fo) \right].$$

$$\times \frac{J_0(\alpha_n \rho)}{J_0(\alpha_n) (s_n^2 + Bi^2)}$$

For the case of large Fourier numbers, the author established the existence of a regular regime corresponding to moderate diameters and large values of thermal conductivity. (Orig. art. has: 14 formulas.

ASSOCIATION: Nauchno-issledovatel'skiy i inzhenernyy institut reaktivnykh dvigatel'ov

SUBMITTED: 22Apr63

SUB CODE: TD  
Card 2/2

NO REF SOV: 000

ENCL: 00

OTEST: 00

UGLOV, A.A.

Symposium on biocomplexes and their significance. Vop. med.  
khim. 9 no.5:550 SMO '63. (MIRA 17:1)



UGLOV, A.A. (Moskva)

Temperature field of single crystals in conditions of partial  
shielding. Izv. AN SSSR. Met. 1 gor. delo no.4:139-142 J1-Ag '64.

(MIRA 17:9)

ACC NR: AP6027952

SOURCE CODE: UR/0020/66/169/003/0565/0568

AUTHOR: Rykalin, N. N. (Corresponding member AN SSSR); Uglov, A. A.; Makarov, N. I.

ORG: Institute of Metallurgy im. A. A. Baykov (Institut metallurgii)

TITLE: Heating of a two-layered plate during welding by laser beam

SOURCE: AN SSSR. Doklady, v. 169, no. 3, 1966, 565-568

TOPIC TAGS: welding, laser application, temperature distribution

ABSTRACT: The authors consider the problem of temperature distribution in a two-layered plate during welding by laser beam. A solution is found for the system of equations

$$\frac{1}{a_1} \frac{\partial t_1}{\partial \tau} = \frac{\partial^2 t_1}{\partial r^2} + \frac{1}{r} \frac{\partial t_1}{\partial r} + \frac{\partial^2 t_1}{\partial z^2}$$

in the region  $\tau > 0$ ,  $r_0 \geq r \geq 0$ ,  $h \geq z \geq 0$ ;

$$\frac{1}{a_2} \frac{\partial t_2}{\partial \tau} = \frac{\partial^2 t_2}{\partial r^2} + \frac{1}{r} \frac{\partial t_2}{\partial r} + \frac{\partial^2 t_2}{\partial z^2}$$

in the region  $\tau > 0$ ,  $r_0 \geq r \geq 0$ ,  $l \geq z \geq h$ . The boundary conditions and initial conditions are given and the problem is solved by using Laplace transforms. Graphs are given showing the results of numerical calculations for temperature distribution with

Card 1/2

UDC: 536.37

L 05829-67

ACC NR: AP6027952

respect to radius in a single-layer aluminum plate and in two-layer plates with an upper aluminum layer and a lower silicon layer. The temperature was calculated for the moment corresponding to the end of pulse action (pulse duration  $8 \cdot 10^{-3}$  sec). The plates were assumed to have dimensions of  $r_0=1$  cm,  $h=0.02$  cm and  $l=0.3$  cm. The calculations of temperature distribution for values of  $F_0$  at which the temperature on the surface in the center of the plates is less than the boiling temperature of aluminum ( $1800^\circ\text{C}$ ) give  $0.39 \cdot 10^6$  cal/cm<sup>2</sup>·sec for a single-layered plate and  $0.29 \cdot 10^6$  cal/cm<sup>2</sup>·sec for a two-layered plate. Isotherms at  $660^\circ\text{C}$  show a melting depth in the upper layer of the two-layered plate considerably greater than that for a single-layered plate in spite of the fact that  $F_0$  is greater for the single-layered plate. Orig. art. has: 3 figures, 39 formulas.

SUB CODE: 20/13/ SUBM DATE: 13Apr65/ ORIG REF: 003

bimetals

Card 2/2 eqh

1. Welding of thin sheets in laser welding.

Heating of thin sheets in laser welding. Dokl. Akad. Nauk SSSR 1965  
20.5:312-322 H '65. (1965 18:11)

2. Chief Correspondent AN SSSR (for Rykalin).

UOLAV, A.A.; DREKHOVSKIY, V.F.

Effect of a possible anisotropy of the heat conduction coefficient  
on the temperature field of a germanium single crystal. Izv.  
AN SSSR. Neorg. mat. 1 no.9:1447-1448 S '65.

(MIRA 18:11)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy  
institut redkometallicheskey promyshlennosti, Moskva.

L 29852-66 EWT(d)/EWT(1) IJP(c) WW

ACC NR: AP6012683

SOURCE CODE: UR/0170/66/010/004/0520/0522

53  
E

AUTHOR: Uglov, A. A.; Brekhovskikh, V. F.

ORG: Institute for the Rare Metals Industry, Moscow (Institut redkometallicheskoy promyshlennosti)

TITLE: The temperature<sup>N</sup> field in a two-layer plate heated by a surface source

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 10, no. 4, 1966, 520-522

TOPIC TAGS: temperature distribution, heat transfer

ABSTRACT: The problem is formulated as follows: it is necessary to find the solution of the equations

$$\frac{1}{a_1} \frac{\partial t_1}{\partial \tau} = \frac{\partial^2 t_1}{\partial z^2} \quad (1)$$

in the region  $\tau > 0, h > z \geq 0,$

$$\frac{1}{a_2} \frac{\partial t_2}{\partial \tau} = \frac{\partial^2 t_2}{\partial z^2} \quad (2)$$

in the region  $\tau > 0, \infty > z \geq h$

Card 1/2

UDC: 536.21

L 29852-66

ACC NR: AP6012683

$$-\lambda_1 \frac{\partial l_1}{\partial z} = q_0 \text{ at } z=0, \quad (3)$$

$$l_1 = l_2 \text{ at } z=h, \quad (4)$$

$$\lambda_1 \frac{\partial l_1}{\partial z} = \lambda_2 \frac{\partial l_2}{\partial z} \text{ at } z=h, \quad (5)$$

$$l_1 = l_2 = 0 \text{ at } \tau=0, \quad (6)$$

$t_2(z, \tau)$  is bounded at  $z \rightarrow \infty$

The article proceeds to a formal solution of the above system of equations. Orig. art. has: 14 formulas.

SUB CODE: 20/ SUBM DATE: 28Oct65/ ORIG REF: 001.

Card 2/2 *V*

00276-47, FOS-2/00111/00000-2, 0000 000/000/0018/0019

ACC NR: AT603672

SOURCE CODE: UR/0000/66/000/000/0018/0019

b2  
b7c

AUTHOR: Akulinichev, I. T.; Baykov, A. Ye.; Vasil'yev, P. V.; Mas'yan, I. I.;  
Maksimov, D. G.; Uglov, A. Ye.; Chekhonudskiy, N.A.

ORG: none

TITLE: Some data from electrophysiological investigations conducted on the crew of the Voskhod-2 during spaceflight (Paper presented at the Conference on Problems of Space Medicine held in Moscow from 24-27 May 1966)

SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 18-19

TOPIC TAGS: space physiology, manned space flight, Leonov, extravehicular activity, cardiology, cardiovascular system, electrooculogram, electrocardiogram, body temperature, electrophysiology, respiration, heart rate / Voskhod-2

ABSTRACT:

Electrocardiograms, pneumograms, seismocardiograms, and electro-oculograms were registered on the Voskhod-2 cosmonauts, Belyayev and Leonov. In addition, Leonov's body temperature was measured. After the spaceship attained orbit, the frequency of cardiac contractions continued to increase and to exceed the levels registered

Card 1/3



L 08276-67. -

ACC. NR. AT6036472

during active acceleration. These changes in pulse rate were due to the preparations for Leonov's EVA. During EVA, their heart rates reached the maximums of 129 and 162 beats/min. By the third orbit, the heart rate and respiration frequencies of the two cosmonauts became normal, equaling prelaunch magnitude. Further changes were comparable to those noted in preceding flights. The lowest heart rates were recorded during the seventh orbit. From the thirteenth to the eighteenth orbit there was a gradual increase in the rate of cardiac contractions (86—111) and an increase in respiration rate up to 18—20 cycles/min, which was related to the performance of a series of tasks according to the program, and to the emotional strain induced by preparation for manual re-entry.

Analysis of the EKG indicated that the significance of the Q—T and R—R intervals in both cosmonauts corresponded to changes in frequency of the heart rate. The lability of the Q—T coefficient was higher at the beginning and end of the flight in both cosmonauts and diminished noticeably during the middle of the flight. The same was observed in relation to the amplitude of the EKG peaks. The duration of the mechanical systole in general followed changes in pulse rate from the third to the sixteenth orbit; the duration of Leonov's mechanical systole varied from 0.32—0.35.

Card 2/3

L 08276-67. -

ACC NR: AT6036472

sec. During the 17th and 18th orbits, the duration of the mechanical systole diminished to 0.29—0.27 sec simultaneously with an increase in the pulse rate. Electromechanical lag was determined only in Leonov and during various times of the flight varied from 0.02—0.06 sec.

Oculomotor activity during the first two orbits rose in both cosmonauts to 105—111 movements/min. During the third and fourth orbits the number of oculomotor reactions diminished and after that varied within relatively low limits: 10—40 movements/min. The dynamics of the electro-oculogram corresponded to changes in the pulse and respiration frequency and reflected, apparently, the general condition of the cosmonauts. An analysis of the amplitudes and the curve of the EOG indicated that eye movements in the cosmonauts were rather symmetrical during the entire duration of the flight.

Leonov's armpit temperature varied during the flight from 35—37.6° C. The higher temperatures were recorded during the 2nd, 16th, and the 17th orbits. This can be explained by emotional strain and performance of physical tasks by the cosmonaut. [U. A. No. 22; ATD Report 66-116]

SUB CODE: 06,22 / SUBM DATE: 00May66

Cord 3/3 vmb

L 22873-66 FSS-2/EWT(1)/EEC(k)-2/EWA(d) TT/RD/GW

ACC NR: AP6012836

SOURCE CODE: UR/0293/66/004/002/0311/0319

AUTHOR: Akulinichev, I. T.; Antoshchenko, A. S.; Znachko, V. A.;  
Ivanov, A. Ye.; Lebedev, V. I.; Maksimov, D. G.; Uglov, A. Ye.;  
Khlebnikov, G. F.

ORG: none

TITLE: Some results of monitoring the medical condition of P. I. Belyayev and A. A. Leonov during training and during orbital flight

SOURCE: Kosmicheskiye issledovaniya, v. 4, no. 2, 1966, 311-319

TOPIC TAGS: manned spaceflight, cosmonaut training, pressure chamber, human physiology, EVA / Voskhod-2

ABSTRACT: Training data for Leonov and Belyayev were compared with data from the Voskhod-2 flight. The cosmonauts were trained for rarefied atmosphere conditions by sequential exposure to pressure chamber altitudes of 5, 10, and 32-37 km. At an altitude of 5 km, neither cosmonaut required high altitude equipment or supplementary oxygen. At an altitude of 10 km, they breathed pure oxygen. In a rarefied atmosphere of 32-37 km, the cosmonauts wore suits analogous to those used on the Voskhod-2 flight. Flight system sensors and a stationary electrophysiological recorder were used. Pulse rate,

Card 1/8

UDC: 629.198.61

L 22873-66

ACC NR: AP6012836

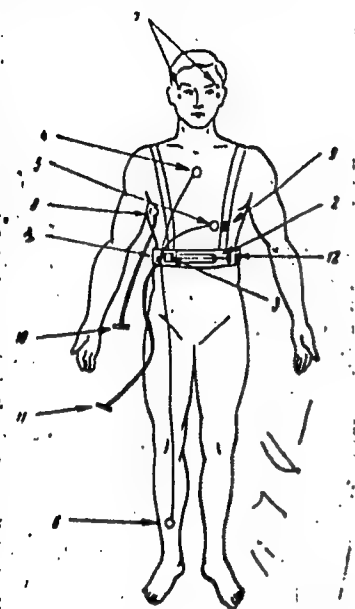


Fig. 1. Position of physiological sensors on the cosmonaut.

1 - Individual system of electrode and sensor positioning; 2 - ohmic respiration sensor; 3 - contact respiration sensor; 4, 5 - EKG electrodes; 6 - ground; 7 - EOG electrodes; 8 - body temperature sensor (submuscular area, Leonov only); 9 - SCG sensor; 10, 11 - detachable terminals; 12 - lacing.

Card 2/8

L 22873-66

ACC NR: AP6012836

Table 1. Changes in some physiological indexes of Belyayev and Leonov during space suit tests at 36 km

Index	Belyayev			Leonov		
	Before	36 km	After	Before	36 km	After
Pulse rate, min.	12	9-18	12-28	18	12-18	12
Resp. rate, min.	67	60-67	62	63	57-68	57
P-Q, sec.	0,20	0,16-0,20	0,18	0,12	0,12-0,14	0,12
QRS, sec.	0,10	0,08-0,10	0,10	0,08	0,05-0,06	0,06
QRST, sec.	0,40	0,40	0,40	0,32	0,32-0,36	0,36
Systolic index, %	42	40-42	40	33	33-41	36
P, mm	1	1	1	1	0,5-0,8	Weak
R, mm	9	11	8	22	10-23	15
S, mm	0,6	Weak	0,6	6,6	4	2
T, mm	5	3-4	3	6	4-6,6	3,6

Card 3/8

L 22873-66

ACC NR: AP6012836

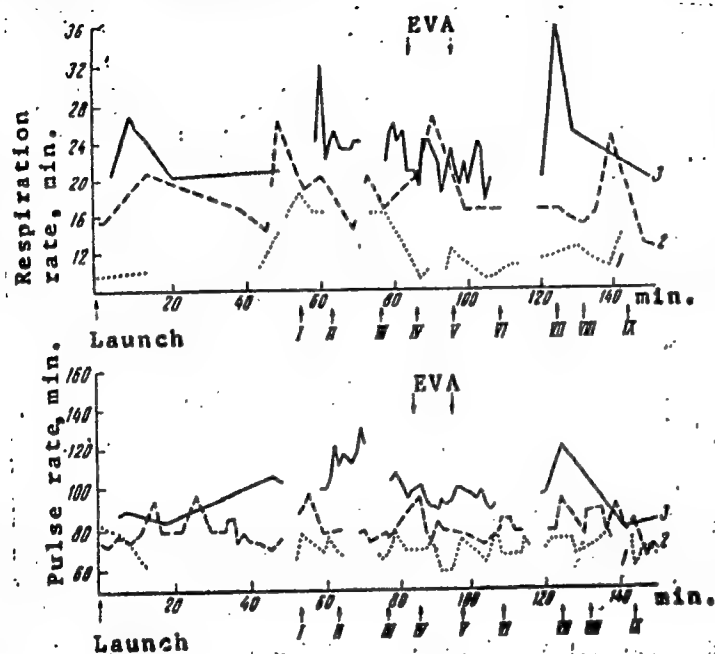


Fig. 2. Changes in the pulse and respiration rate of Belyayev when training and during the Voskhod-2 flight

I - Leonov entering the pressure lock; II - closing the cabin hatch; III - opening the pressure lock hatch; IV - Leonov's egress or imitated egress from the pressure lock; V, VI - Leonov's simulated or actual EVA; VII - Leonov's return to the cabin; VIII - closing the cabin hatch; IX - spacesuit pressure normalization to cabin atmosphere. 1 - training in a normal atmosphere; 2 - training at 37 km; 3 - orbital flight

Card 4/8

I. 22873-66

ACC NR: AP6012836

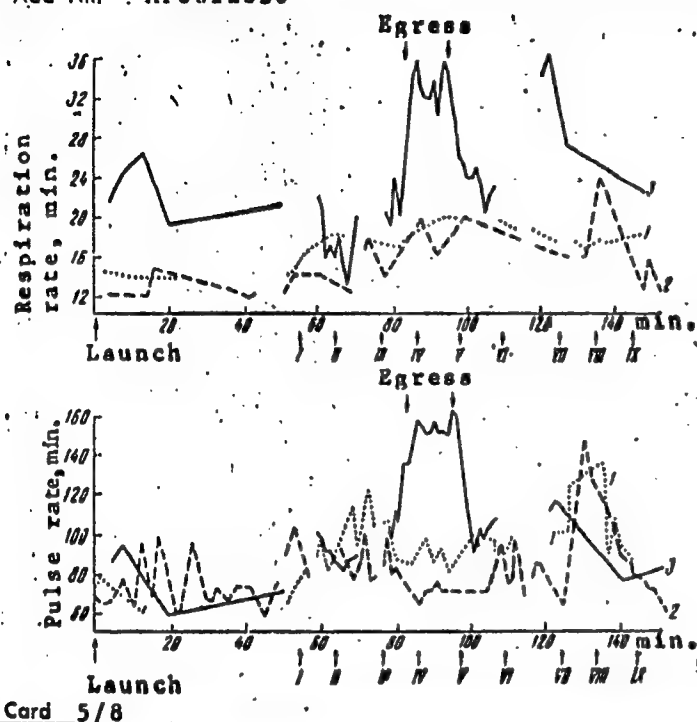


Fig. 3. Changes in the pulse and respiration rate of Leonov when training and during the Voskhod-2 flight

I - Leonov entering the pressure lock; II - closing the cabin hatch; III - opening the pressure lock hatch; IV - Leonov's egress or imitated egress from the pressure lock; V, VI - Leonov's simulated or actual EVA; VII - Leonov's return to the cabin; VIII - closing the cabin hatch; IX - spacesuit pressure normalization to cabin atmosphere. 1 - training in a normal atmosphere; 2 - training at 37 km; 3 - orbital flight

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ACC NR: AP6012836

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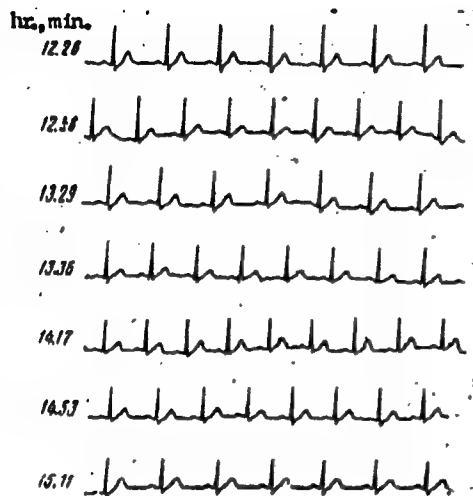


Fig. 4. Belyayev's EKG's when rehearsing the flight program in the spacecraft mockup (exercise no. 2, 37 km)

12.26 - normal condition; 12.56 - instrument check; 13.29 - prior to Leonov's entrance into the pressure lock; 13.36 - opening the cabin hatch; 14.17 - imitation of the egress; 14.53 - Leonov's return to the cabin; 15.11 - after the egress program and normalization of suit pressure

Card 6/8



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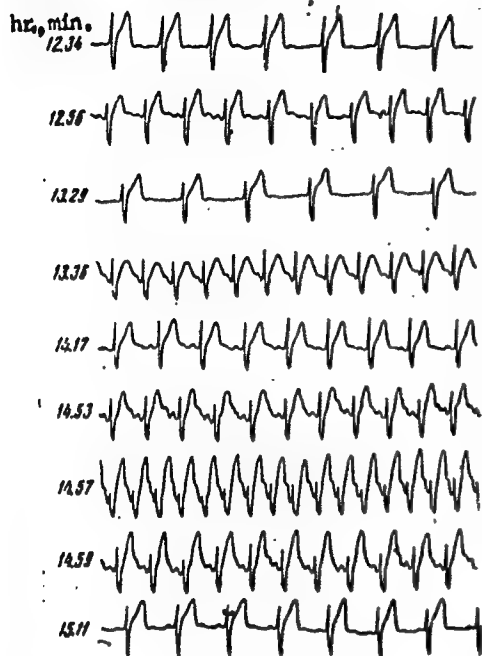


Fig. 5. Leonov's EKG's when rehearsing the flight program in the spacecraft mockup (exercise no. 2, 37 km)

12.34 - normal condition; 12.56 - instrument check; 13.29 - prior to entering the pressure lock; 13.36 - opening the cabin hatch; 14.17 - imitation of egress; 14.53 - return to the cabin; 14.57 - closing the cabin hatch; 14.59 - instrument check; 15.11 - after returning to the seat and normalizing suit pressure

Card 7/8

L 22873-66

ACC NR: AP6012836

respiration rate, and EKG's were recorded along with visual (TV) observations. Two-way radio communication was maintained. A space-craft mockup was used to test two series of exercises. In the first exercise, the cosmonauts rehearsed the program involving the movement of Leonov into the pressure lock under normal atmospheric conditions. The second exercise entailed the same regimen at an altitude of 37 km. A diagram of the sensors used is shown in Fig. 1. Results of the tests are given in Figs. 2-5 and Table 1. All Voskhod-2 systems and the newly designed suit used for Leonov's EVA functioned normally both during the training program and the flight itself. During training and the Voskhod-2 flight, the pressurization and egress program caused accelerated pulse and respiration rates and functional EKG variations in both cosmonauts. These were attributed to emotional stress, and in Leonov's case, physical strain. The training program was judged to be fully applicable to the Voskhod-2 program. Orig. art. has: 1 table and 5 figures.

[CD]

SUB CODE: 03, 06/ SUBM DATE: 01Nov65/ ORIG REF: 006/ ATD PRESS:

4234

Card 8/8 LC

~~UGLOV, B.~~, nauchnyy sotrudnik (Moskva); TSAREV, B., nauchnyy sotrudnik  
(Moskva)

Increase the productivity of drying chambers. Prom. koop. 12 no.6:  
28-29 Je '58. (MIRA 11:6)

1. TSentral'nyy nauchno-issledovatel'skiy institut mekhanicheskoy  
~~obrabotki dereva.~~  
(Lumber--Drying)

UGLOV, B. (Gor'kiy)

Victory of perseverance. Mest.prom.i khud.promys. 3 no.12:26  
D '62. (MIRA 16:2)

1. Spetsial'nyy korrespondent zhurnala "Mestnaya promyshlennost'  
i khudozhestvennyye promysly".  
(Pipe, Rubber)

VALIKOV, A.; UGLOV, F.

Efficiency workers of the Prokopyevsk Mines. Mast.ugl. 5 no.2:  
15-17 F '56. (MIRA 9:6)  
(Kuznetsk Basin--Coal mines and mining)

UGLOV, F. G.

"Early and Late Results Due to Ligation of the Branches of the Pulmonary  
Arteries in Cases Afflicted With Bronchial Ectasia," Sov. Med., No.6, 1948

UGLOV, F. G.

"Resection of the Alimentary Tract for Cancer in the Light of Early Diagnosis"

Vrachebnye Delo, No 8, 1948, pp663-666

UGLOV, F. G.

"Notations on Pneumoresection," Khirurgiya, No.9, 1948

First Chair of Surgery, State Inst for Advanced Training of Physicians



UGLOV, F. G.

42714. UGLOV, F. G. Blizhayshiye I Otdalennyye Rezul'taty Rezektsii Legkogo Pri Bronkhoektazyakh. Vracheb. Delo, 1948, No 11, s. 991-92

SO: Letopis' Zhurnal'nykh Statey, Vol. 7, 1949

UGLOV, F. G.

"Transpleural Resection of the Esophagus in Cancer Cases Based on Clinical Reports of the 1946-47 Academic Year," Vest. Khir., 60, No.1, 1948

UGLOV, F. G.

"Iliopelvic Amputations in Cases of Giant Femoral Tumors Extending into the Pelvic Region," Khir., 68, No.3, 1948

UGLOV, F. G.

"Transthoracic Resections for Cancer of the Esophagus and Interthoracic  
Anastomosis," Khir., No.8, 1949

UGLOV, F. G.

33583. Diagnostika i khirurgicheskoye Lecheniye Raka Legrogo. Klinich. Meditsina, 1949,  
No. 10, c. 62-69

SO: Letopis'mykh Statey, Vol. 45, Moskva, 1949

UGLOV, F.G.

High intrathoracic anastomosis in cancer of the esophagus. Sovet.  
vrach.sborn. no.16:8-10 Ag '49. (GML 19:2)

1. Of the First Department of Surgery (Head -- Prof. N.N.Petrov,  
Active Member of the Academy of Medical Sciences), State Institute  
for the Advanced Training of Physicians imeni S.M.Kirov, Leningrad.

UGLOV, F. G.

"Data Obtained from Fifty Intra-Thoracic Operations," Vest. Khir., 69, No.1, 1949

UGLOV, F. G.

Surgical therapy of chronic suppurative pulmonary diseases according to date of the 1st surgical clinic GIDUV for 3 years. Khirurgia, Moskva. no.8:47-51 Aug. 1950. (CINL 20:1)

1. Of the First Surgical Staff (Head -- Prof. N. N. Petrov, Active Member of the Academy of Medical Sciences USSR), GIDUV.



UGLOV, F. G.

"Cutting of the Lung and Ligature of the Lung Arteries in Cases of  
Chronic ~~pus~~ Secretion of the Lungs"

Soviet Medicine, Vol 2, Page 8, 1951 (Table of Contents)

UGLOV, F. G.

Anesthesia in pulmonary surgery. Vest. khir. Gerkova, Leningr.  
71 no.5:22-26 1951. (CIML 21:1)

1. Professor. 2. Of the First Department of Surgery, State  
Institute for the Advanced Training of Physicians (Head of  
Department -- Prof. N. N. Petrov, Active Member AMS USSR),  
Leningrad.

UGLOV, F. G.

Discussion on Lidskii's article "Controversial problems in the surgery of pulmonary suppurations". Vest. khir. Grekova, Leningr. 71 no.5:44-45 1951. (CML 21:1)

1. Professor. 2. Leningrad.

UGLOV, F.G.

Problems of pulmonary surgery in USSR. Khirurgia, Moskva no. 9:48-  
53 Sept 1952. (CJML 23:3)

1. Professor. 2. Of the Department of Hospital Surgery (Head --  
Prof. F. G. Uglov), First Leningrad Medical Institute imeni Academician I. P. Pavlov.

UGLOV, F.G., professor, zaveduyushchiy.

Extent of surgical intervention in certain pulmonary diseases. Khirurgiya  
no.4:58-65 Ap '53. (MLRA 6:6)

1. Kafedra gosspital'noy khirurgii I Leningradskogo meditsinskogo instituta  
imeni akademika I.P. Pavlova. (Lungs--Surgery)

ADAMOVA, A.A.; NEVSTHUYEVA, M.A.; UGLOV, F.G.

Evaluation of staircases in dwellings by the determination of gas metabolism.  
Gig.i san. no.7:45 J1 '53. (MIRA 6:7)

1. Kafedra gigiyeny i Leningradskogo meditsinskogo instituta imeni akademika  
I.P.Pavlova. (Staircases)

SALISHCHEV, V.E., professor [author]; UGLOV, F.G., professor (Leningrad) [reviewer].

"Problems in specialized surgery." V.E.Salishchev. Reviewed by F.G.Uglov.  
Khirurgiya no.7:75-78 J1 '53. (MLRA 6:9)  
(Surgery) (Salishchev, V.E.)

UGLOV, F.G., professor, zaveduyushchiy.

Certain problems of cancer of the lungs. Klin.med. 31 no.3:7-13 Mr '53.  
(MLRA 6:5)

1. Kafedra gosspital'noy khirurgii I Leningradskogo meditsinskogo instituta  
imeni akademika I.P. Pavlova. (Lungs--Cancer)



UGLOV, F.G., professor, zaveduyushchiy (Leningrad).

Treatment of portal hypertension by formation of anastomosis between the portal vein and the inferior vena cava. Klin.med. 31 no.7:47-52 JI '53.  
(MLBA 6:9)

1. Kafedra gosspital'noy khirurgii I Leningradskogo meditsinskogo instituta im. I.P.Pavlova.  
(Veins) (Hypertension)

UGLOV, F.G., professor (Leningrad).

Excessive amount of insulin in the body in pancreatic adenoma. Klin.med. 31  
no.10:78-79 0 '53. (MLBA 6:11)

1. Iz kafedry gosspital'noy khirurgii (zaveduyushchiy - professor F.G.Uglov)  
1-go Leningradskogo instituta im. akademika I.P.Pavlova.  
(Pancreas--Tumors) (Insulin)

UGLOV, F.G., professor, zaveduyushchiy.

Pericardial cysts. Vest.khir. 73 no.3:57-58 My-Je '53. (MLRA 6:6)

1. Kafedra gosspital'noy khirurgii pervogo Leningradskogo meditsinskogo  
instituta imeni akademika I.P.Pavlova. (Pericardium) (Cysts)

REPIN, Yu.M.; UGLOV, F.G., professor, direktor.

Arteriovenous aneurysm of the internal carotid artery which caused esophage-  
al varicosis. Vest.khir. 73 no. 3:59-60 My-Je '53. (MLRA 6:6)

1. Gosptal'naya khirurgicheskaya klinika pervogo Leningradskogo meditsinskogo  
instituta imeni akademika I.P.Pavlova.  
(Aneurysms) (Carotid artery) (Varix)

UGLOV, F.G., professor.

Pericardo-diaphragmatic hernia. Vest.khir. 73 no.6:43-45 N-D '53.  
(MIRA 6:12)

1. Iz kafedry gosptal'noy khirurgii (zavednyushchiy - professor  
F.G.Uglov) 1-go Leningradskogo meditsinskogo instituta im. I.P.Pavlova.  
(Hernia)

UGLOV, F.G.; MIKHAYLOV, S.S., redaktor; RULEVA, M.S., tekhnicheskii  
redaktor

[Resection of the lungs] Rezektsiia legkikh. Izd. 2-o, ispr. 1  
dop. Leningrad, Gos. izd-vo med. lit-ry, 1954. 434 p. (MLRA 8:1)  
(Lungs--Surgery)

UGLOV, F.G.

Surgical therapy in acute cholecystitis. Khirurgia no.2:3-8 F '54.  
(MIRA 7:5)

1. Iz Instituta skoroy pomoeshchi im. Yu.Yu.Dshanelidze i gosptal'noy  
khirurgicheskoy kliniki I Leningradskogo meditsinskogo instituta im.  
akad. I.P.Pavlova. (Gall bladder--Surgery)

UGLOV, F.G., professor

Radical aspect of pneumonectomy with intrapericardial approach to pulmonary vessels. Khirurgiia no.3:26-31 Mr '54. (MLRA 7:5)

1. Iz kafedry gosspital'noy khirurgii (sav. - prof. F.G.Uglov)  
I Leningradskogo meditsinskogo instituta imeni akad. I.P.Pavlova.  
(LUNGS, surgery,  
pneumonectomy, intrapericardial approach to pulm. vessels)



UGLOV, F. G.

UGLOV, F.G., professor (Leningrad)

"Problems of thoracic surgery." Vol.4. Reviewed by F.G.Uglov.  
Khirurgiia no.5:78-81 My '54. (MLRA 7:7)  
(CHEST—SURGERY)

UGLOV, F.G.

Excerpta Medica Sec 9 Surgery Vol. 3/7 July 1954

4738. UGLOFF F.G. \*Surgical treatment of portal hypertension.  
(Russian text) VESTN. KHIR. 1953, 73/3 (45-50)  
Report of the case of a 37-year-old man in whom a portal-caval anastomosis was made for hepatic liver cirrhosis with serious oesophageal haemorrhages. The anastomosis between the portal vein and inferior vena cava, to a width of 2 cm., was made under peridural anaesthesia. The patient tolerated the operation well and a year after the operation, his condition was still good without recurrence of the haemorrhages, for which he had required 47 blood transfusions to a total of 18 l. pre-operatively. Parenti - Ferrara (IX, 6)

UGLOV, F.G., professor; KRASNOSHCHEKOVA, L.I.

Prevention and treatment of terminal states and severe shock in  
interthoracic surgery. Vest.khir. 74 no.1:10-13 Ja-F '54.

(MLRA 7:2)

1. Iz gosital'noy khirurgicheskoy kliniki (zaveduyushchiy -  
professor F.G.Uglov) 1-go Leningradskogo meditsinskogo instituta  
im. akademika I.P.Pavlova. (Chest--Surgery) (Shock)

UGLOV, F.G., professor (adres: Leningrad, Kirovskiy pr., d.2, kv. 26)

Surgical treatment of adenoma of the pancreas. Vest.khir. 74  
no.3:48-54 Ap-My' 54. (MLRA 7:6)

1. Iz kafedry gosspital'noy khirurgii (zav.prof. F.G.Uglov)  
1-go Leningradskogo meditsinskogo instituta im. akad. I.P.  
Pavlova.

(PANCREAS, neoplasms,  
\*adenoma, surg.)

UGLOV, F.G., professor (Leningrad, Kirovskiy pr. d. 2. kv.26)

Clinical aspects and therapy of adhesive pericarditis. Vest. khir.  
74 no.4:51-66 Je '54. (MLRA 7:7)

1. Iz kafedry gosptal'noy khirurgii (zav. prof. F.G.Uglov)  
I Leningradskogo meditsinskogo instituta im. akad. I.P.Pavlova.  
(PERICARDITIS, ADHESIVE, surgery.)

UGLOV, F.G., professor (Leningrad, Kirovskiy pr., d.22. kv. 26)

Discussion on A.A.Poliantsev's article, "Dextrolateral surgical  
technique in esophagogastric anastomosis." Vest. khir. 74 no.4:  
85-86 Je '54. (MLBA 7:7)

(ESOPHAGUS, surgery,

\*excis., approach & prep. of stump in partial & total surg.)

EXCERPTA MEDICA Dec.9 Vol.11/12 Surgery Dec 57  
Uglov, F.G.

6579 UGLOV F.G. Inst. of Hosp. Surg., First Med. Inst., I.P. Pavlov, Leningrad. \*Immediate and remote results following surgical treatment of portal hypertension (Russian text) VESTN. KHIR. 1955, 4 (22-33) Illus. 8

Twenty-eight patients were observed with symptoms of portal hypertension, amongst them 16 with haemorrhage and 12 with ascites. In 2 cases exploratory laparotomy was carried out and in one splenectomy (all with fatal results). In 14 cases various types of anastomosis between the portal vein system and the vena cava inferior were performed, namely, mesenteric-caval anastomosis in 2 patients, spleno-renal in 3 and portal-caval in 9 cases; of the 14 operated upon, 2 died. The results of mesenteric-caval anastomosis were completely satisfactory. Of the 3 cases of spleno-renal anastomosis the immediate and remote results were satisfactory in one case only, and 2 died. Autopsy demonstrated that the spleno-renal anastomosis functioned, but mural thrombi were found. In cases with portal-caval anastomosis the recovery was much quicker and no recurrence followed; in some cases the effect of the anastomosis was already apparent on the operating table, showing, besides the reduction of pressure in the portal vein system, a rapid and striking decrease in the size of the spleen. Late results were

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CONT.

as follows: of the patients who underwent a radical operation, 11 were alive for a period of 6 months to 2.5 yr., while of 10 patients treated by conservative methods, 9 died within the first 2 months.  
Gadzhiev - Leningrad

6580. GOFFI F.S. and LIMA GONÇALVES E. Dept. de Técn. Cir. e Cir. Exp. Fac. de Med., Univ. de São Paulo, Brazil. \*Effects of portacaval anastomosis, simple or associated with aortoportal anastomosis, upon fat contents of liver. Experimental study ANN.SURG. 1956, 144/5 (841-846) Tables 2 illus. 4

These effects were studied in 30 mongrel dogs. Surgical technique is briefly described. Comments are made upon the possible causes for deposition of fat in the liver, attention being drawn to the fact that the aortoportal shunt helps to decrease the incidence of fatty infiltration that follows portacaval shunt. It was concluded that terminolateral portacaval anastomosis induces an increase in the hepatic content of total fatty acids and always some degree of fatty infiltration.

(XVIII, 9)



UGLOV, F.G., Prof.

Surgical treatment of acute cholecystitis; on Professor N.I.  
Blinov's article. Khirurgia, Moskva, no.5:69-70 May '55.  
(CHOLECYSTITIS, surg. (MLRA 8:9)  
indic. in acute cases)

LINBERG, B.E., professor

"Resection of the lungs." F.G.Uglov, Reviewed by B.E.Linberg.  
Khirurgiya no.6:90-92 Je '55. (MLRA 8:10)  
(LUNGS--SURGERY) (UGLOV, F.G.)

UGLOV F.G.

BARANOVA, A.G.; UGLOV, F.G., professor

Bronchial adenoma. Khirurgiia no.8:49-52 Ag. '55.

(MIRA 9:2)

1. Iz Instituta onkologii Akademii meditsinskikh nauk SSSR i kafedry gosptal'noy khirurgii i Leningradskogo meditsinskogo instituta imeni I.P. Pavlova.

(BRONCHI, neoplasms

diag. adenoma, diag., clin. aspects & surg.)

(ADENOMA

bronchi, diag. clin. aspects & surg.)

UGLOV, F.G., professor

Immediate and late results of surgical treatment of portal hypertension. Vest.khir. 75 no.4:22-33 My '55. (MLRA 88)

1. Iz kafedry gosspital'noy khirurgii (zav-prof. F.G.Uglov) 1-go Leningradskogo instituta im. akad. I.P.Pavlova. Leningrad, Kirovskiy pr., d. 2, kv.26.

(HYPERTENSION,  
portal, surg., results)